

Size: 706 acres shoreline; 10,428 acres inland
Mission: Handle, store, renovate, and ship munitions
HRS Score: 37.21; placed on NPL in August 1990
IAG Status: Federal Facility Agreement signed in December 1990
Contaminants: VOCs, SVOCs, heavy metals, hydrocarbons, and petroleum products
Media Affected: Groundwater, surface water, sediment, and soil
Funding to Date: \$15.9 million
Estimated Cost to Completion (Completion Year): \$18.9 million (FY2030)
Final Remedy in Place or Response Complete Date for All Sites: FY2004



Colts Neck, New Jersey

Restoration Background

Preliminary Assessments completed in FY83 identified 29 sites of concern, 4 of which required further investigation. The sites include landfills, production areas, storage areas, maintenance areas, and disposal areas. To date, 67 sites (48 CERCLA and 19 underground storage tank [UST] sites) have been identified. Releases of volatile organic compounds (VOCs) and heavy metals from landfills and production areas have contaminated groundwater and soil at the installation.

In FY87, a Site Inspection (SI) identified 11 contaminated sites. An SI in 1992 examined 16 additional sites. The first SI recommended additional characterization of the 11 identified sites through well monitoring, soil borings, and surface water sampling. No further action (NFA) was recommended for two sites. The second SI recommended further action at 13 sites and established the need for basewide background data.

In FY91, the installation began Remedial Investigation and Feasibility Study (RI/FS) activities. An interim draft RI report for the first 11 sites was submitted in FY92 and recommended cleanup of all sites, including capping, removal, and long-term monitoring. The first round of RI/FS was completed in late FY93. Data were obtained during the second RI/FS round in FY94.

One UST site was investigated in FY91 and closed in FY92. At several UST sites, soil was excavated and disposed of in FY93. In FY94, the installation completed a work plan, an Action Memorandum, and an Engineering Evaluation and Cost Analysis for a Removal Action at Site 20. The installation also prepared a corrective action plan for UST 8. USTs were removed, and some leaking USTs were identified. In FY95, the installation completed RI fieldwork at 21 sites and removed and recycled soil from Site 20. EPA approved recom-

mendations for no further action at 14 sites. NFA was recommended for six UST sites.

In FY96, the installation signed a data-sharing agreement with the New Jersey Department of Environmental Protection, enabling the Navy to overlay state wetland delineations and aerial photographs onto geographic information system (GIS) maps. The installation completed the RI for 27 sites, initiated Removal Actions at 5 sites, and began FS activities at 4 sites. A pilot study helped the installation determine the best method of removing a layer of free product from groundwater at Site 16. During FY97, the installation completed Remedial Actions (RAs) at five sites and the FS at four sites. Remedial Design (RD) began for two landfill caps, surface soil remediation, and four UST sites.

In FY90, the installation formed a technical review committee (TRC), completed a community relations plan (CRP), and established an information repository containing a copy of the administrative record. In FY95, the TRC was converted to a Restoration Advisory Board (RAB).

FY98 Restoration Progress

Landfill caps were designed and built for Sites 4 and 5. The simultaneous construction of the caps resulted in significant cost savings. The RAB was given a site tour of the completed caps. RD, removal of contaminated soil, and site restoration were completed at Site 19. The CRP was updated to reflect the completed actions. Although funding was unavailable for RD at Site 26, the Record of Decision (ROD) was signed and a source area removal was completed. Two additional sites, a former pesticide shop and a battery disposal area, were identified. College students performed rapid bioassessment of streams under a partnership agreement. UST

corrective actions were initiated as planned. Monitored natural attenuation was selected as the remedy for two sites. Removal Actions were completed at Sites 13 and 26 and expanded at Site 16F. An unanticipated lead removal was completed at Site 5. The Removal Action at Site 12 was postponed because of decreased funding.

Plan of Action

- Complete NFA ROD in FY99 for eight sites where Removal Actions are complete
- Complete RD and begin RA (air-sparging) at Site 26 in FY99
- Begin Preliminary Assessment for Sites 47 and 48 in FY99
- Complete Removal Actions at Sites 12 and 47 in FY99
- Begin RDs at Sites 3, 10, and 13 in FY99
- Begin RAs at Sites 3 and 10 in FY99
- Perform Interim Action (bank stabilization) at Sites 6 and 17 in FY99
- Begin RA at Site 13 in FY00
- Begin Site Inspections for Sites 47 and 48 in FY00

FY99 FUNDING BY PHASE AND RELATIVE RISK

